

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	85120	(HPLC or (HIGH PRESSUR\$4)) same chromatography same liquid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/08/29 09:59
L3	37	ultra\$1high pressure liquid chromatography	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/08/29 10:26
L4	1	(10/791080).APP.	USPAT; USOCR	WITH	ON	2011/08/29 10:26
L5	3269957	3 and fit\$3 or seal\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/08/29 11:05
L6	19	3 and (fit\$3 or seal\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/08/29 11:05
L7	3	((("6277257") or ("6013164") or ("6572749")).PN.	US-PGPUB; USPAT	OR	OFF	2011/08/29 11:11
L12	2	"4939943").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/08/29 11:19
L13	1	("4835109").PN.	US-PGPUB; USPAT	OR	OFF	2011/08/29 11:19
L14	1	("4347131").PN.	US-PGPUB; USPAT	OR	OFF	2011/08/29 11:20
L15	1	("4233156").PN.	US-PGPUB; USPAT	OR	OFF	2011/08/29 11:20
L16	1	("1416837").PN.	US-PGPUB; USPAT	OR	OFF	2011/08/29 11:21
L17	5	((("3884802") or ("20080296209") or ("2005128030") or ("20060054226") or ("20040134546") or ("20050095745"))).PN.	US-PGPUB; USPAT	OR	OFF	2011/08/29 11:23

L18	4	17 and pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/08/29 11:23
L19	4	17 and (pressure or psi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/08/29 11:23
L20	5	((("20040018099") or ("20020190001") or ("20040262513") or ("20020160059") or ("20020116988"))).PN.	US-PGPUB; USPAT	OR	OFF	2011/08/29 11:25
S1	5	US-5672810-\$.D.ID. OR US- 4939943-\$.D.ID. OR US- 6148680-\$.D.ID. OR US- 6290909-\$.D.ID. OR US- 6387234-\$.D.ID.	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:13
S2	2	S1 and SECOND	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:14
S3	2	S2 and VALVE	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:14
S4	1	S3 and CHAMBER	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/02/04 12:16
S5	1	"10586114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 16:44
S6	10	("4939943" "5672810" "6387234" "6148680" "6290909" "6387234").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:01
S7	64	((SAMPLE INJECTOR) CHROMATOGRAPHY).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:22
S8	45	S7 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:22

S9	22	(S8 or S6) and VALV\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:23
S10	1	S9 and VENT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:24
S11	18	("3057183" "3327520" "4805441" "5339673" "5347844" "5467635" "5524084" "5545252").PN. OR ("5672810").URPN.	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/06/14 17:24
S12	43	((Shibamoto) near2 (Shigeaki)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:25
S13	36	S12 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/14 17:25
S14	64	((SAMPLE INJECTOR). CHROMATOGRAPHY).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:26
S15	1	S14 and 210/656.COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:26
S16	3143	210/656.COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:29
S17	32	S16 and (INLET and CHAMBER and VALV\$3 and EXIT and SOLUTE and (CAPILLARY or TUBE))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:31

S18	32	S17 and (AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 13:31
S19	5360	(LIQUID adj CHROMATOGRAPH \$3).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:37
S20	5360	S19 and (AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:38
S21	4066	S19 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:38
S22	142	S21 and (INLET and CHAMBER and VALV\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:39
S23	16	S22 and VENT\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:40
S24	69	S22 and ("210".CLAS. or "422".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:41
S25	73	S22 and ("210".CLAS. or "422".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:41
S26	26730	HIGH PRESSURE LIQUID CHROMATOGRAPHY	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/06/15 14:46

S27	1006	S26 and ("210".CLAS. or "422".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:46
S28	15	S27 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:46
S29	229	S27 and (INLET and CHAMBER and VALV\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:47
S30	191	S29 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:47
S31	191	S30 and ("210".CLAS. or "422".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/15 14:55
S32	783	73/61.56,61.52.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:50
S33	3468	210/635,656.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:50
S34	1922	436/180.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:51
S35	9289	422/68.1,100,70.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:51

S36	13404	S32 or S33 or S34 or S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:51
S37	5360	(LIQUID adj. CHROMATOGRAPH \$3).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S38	4066	S37 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S39	142	S38 and (INLET and CHAMBER and VALV\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S40	61	S36 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:52
S41	6	S40 and VENT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:53
S42	6	S40 and VENT\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 09:53
S43	14	(US-20070283746-\$).did. or (US-6387234-\$ or US-5672810-\$ or US-6290909-\$ or US-6148680-\$ or US-4939943-\$ or US-6354136-\$ or US-6205841-\$ or US-6610201-\$).did. or (US-6290909-\$ or US-6387234-\$ or EP-990899-\$ or JP-09033502-\$ or EP-327658-\$).did.	US-PGPUB; USPAT; DERWENT	WITH	OFF	2010/06/16 10:49
S44	14	S43 and (CHAMBER or COLUMN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:49

S45	9	S44 and VALV\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:49
S46	6	S45 and ((INLET or INPUT) and (OUTLET or EXIT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:49
S47	63	FREEZE\$1THAW VALV\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:58
S48	22	S47 and CHROMATOGRAPH\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59
S49	20	S48 and PRESSURE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59
S50	20	S49 and (LIQUID or FLUID\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59
S51	11	S50 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 10:59
S52	10	S51 and (HIGH near PRESSURE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:00
S53	3	S46 and FREEZE\$1THAW VALV\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:12

S54	1420	422/70.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:17
S55	1247	S54 and CHROMATOGRAPH\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:17
S56	240	S55 and ((LIQUID or FLUID) and VALV\$3 and (HIGH near PRESSUR\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:18
S57	1	S56 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:18
S58	168	S56 and (((INLET or INPUT) and (OUTLET or EXIT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:22
S59	21	S56 and ((SECOND or PLURAL \$4 near (INLET or INPUT)) and (SECOND or PLURAL\$4) near (OUTLET or EXIT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:22
S60	3532	210/198.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:41
S61	3	S52 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/06/16 11:42

S62	26	("4191649" "4233156" "4311586" "4475821" "4534659" "4767279" "4942018" "4981597" "4986919" "4990250" "5094099" "5234587" "5360320" "5423661" "5531106" "5637208" "5638986" "5730867" "5795469" "5852231" "5897781" "6099724").PN. OR ("6610201").URPN.	US-PGPUB; USPAT; USOCR	WITH	OFF	2010/06/16 11:47
S63	29	((GEOFF) near2 (GERHARDT)). INV.	US-PGPUB; USPAT	WITH	OFF	2010/06/21 13:24
S64	13	((JAMES) near2 (JORGENSEN)). INV.	US-PGPUB; USPAT	WITH	OFF	2010/06/21 13:24
S65	14	((KEITH) near2 (FADGEN)). INV.	US-PGPUB; USPAT	WITH	OFF	2010/06/21 13:25
S66	1	"12355683"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/02/25 10:52
S67	11526	RFID.tl.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/02/25 10:53
S68	1	"10586114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/02/28 10:30
S69	1	S68 and (FIRST EXIT OPEN\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/02/28 10:30
S70	1	S68 and (FIRST inlet OPEN\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/02/28 10:39
S71	2	"5672810".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 11:33

S72	5708	(LIQUID CHROMATOGRAPHY), ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:14
S73	29832383	(@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:15
S74	4297	S72 AND S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:16
S75	619	(HIGH PRESSURE) AND S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:16
S76	225	S75 AND ("422".CLAS. or "210". CLAS. or "73".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/02/28 12:17
S78	13445	422/5\$2.ccls.	US-PGPUB; USPAT; USOCR	WITH	OFF	2011/03/07 09:08
S82	1479	422/70.QCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25
S83	1126	S82 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25
S84	521	S83 and (INLET or OUTLET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25
S85	351	S84 and VALV\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:25

S86	327	S85 and (OUTLET or EXIT)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:26
S87	171	S86 and (HIGH PRESSUR\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:26
S88	6470	(LIQUID CHROMATOGRAPH\$3) and (@AY<="1979")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:33
S89	202	S88 and "422".CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:34
S90	153	S89 and (CONDUIT or TUBE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:39
S91	85	S90 AND VALV\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 11:39
S92	11	("2764178" "3060318" "3242720" "3523733").PN. OR ("3621263").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2011/03/07 11:58
S93	13445	422/5\$2,70.ccls.	US-PGPUB; USPAT; USOCR	WITH	OFF	2011/03/07 12:16
S94	18591	422/5\$2,70.ccls. or 436/180. ccls. or 210/635,656,198.2.ccls.	US-PGPUB; USPAT; USOCR	WITH	OFF	2011/03/07 12:17
S95	121703	(LIQUID CHROMATOGRAPH\$3) and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:17
S96	3166	S94 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:17

S97	1697	(LIQUID CHROMATOGRAPH\$3) and (@AY<="2004") and (VALV\$3) and (INLET) and (OUTLET or EXIT) and (CONDUIT or TUB43)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:18
S98	1888	(LIQUID CHROMATOGRAPH\$3) and (@AY<="2004") and (VALV\$3) and (INLET or OPEN\$3) and (OUTLET or EXIT) and (CONDUIT or TUB43)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:19
S99	415	S94 AND S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:19
S100	108	S98 AND S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 12:19
S101	1	"10586114" and (FIRST EXIT OPENING)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/03/07 15:47
S102	25	(US-20070283746-\$ or US-20010044155-\$ or US-20040076549-\$ or US-20040077101-\$).did. or (US-6387234-\$ or US-5672810-\$ or US-6290909-\$ or US-6148680-\$ or US-4939943-\$ or US-6354136-\$ or US-6205841-\$ or US-6610201-\$ or US-7204264-\$ or US-5795469-\$ or US-7063785-\$ or US-6190550-\$ or US-4314823-\$ or US-4070155-\$ or US-3934981-\$ or US-3621263-\$).did. or (US-6290909-\$ or US-6387234-\$ or EP-990899-\$ or JP-09033502-\$ or EP-327658-\$).did.	US-PGPUB; USPAT; DERWENT	WITH	ON	2011/03/07 16:12
S103	9	S102 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/07 16:12

S105	0	"10586114".pn. and (CYLINDRICAL WALL)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:03
S106	1	"10586114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:03
S107	1	S106 and (CYLINDRICAL WALL)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:03
S108	25	(US-20070283746-\$ or US- 20010044155-\$ or US- 20040076549-\$ or US- 20040077101-\$).did. or (US- 6387234-\$ or US-5672810-\$ or US-6290909-\$ or US-6148680- \$ or US-4939943-\$ or US- 6354136-\$ or US-6205841-\$ or US-6610201-\$ or US-7204264- \$ or US-5795469-\$ or US- 7063785-\$ or US-6190550-\$ or US-4314823-\$ or US-4070155- \$ or US-3934981-\$ or US- 3621263-\$).did. or (US- 6290909-\$ or US-6387234-\$ or EP-990899-\$ or JP-09033502-\$ or EP-327658-\$).did.	US-PGPUB; USPAT; DERWENT	WITH	ON	2011/03/08 10:04
S110	7	S108 and (CYLINDRICAL or CYLIND\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:05
S111	11	S108 and (FITTING or FITTED or GASKET or SEAL\$3 or (FLUID adj2 TIGHT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:13
S112	9	S111 AND (HPLC or (HIGH PRESSUR\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:16

S113	149	(FREEZE THAW VALVE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:39
S114	104	S113 AND LIQUID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:39
S115	122	S113 AND (LIQUID or FLUID)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/03/08 10:39
S116	71	S115 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/03/08 10:39
S117	22	S116 AND CHROMATOGRAPHY	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/03/08 10:39

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